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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,834	07/30/2003	Leo Strawczynski	9-13528-194US	7275
20988	7590	02/05/2008	EXAMINER	
OGILVY RENAULT LLP 1981 MCGILL COLLEGE AVENUE SUITE 1600 MONTREAL, QC H3A2Y3 CANADA			TRAN, DZUNG D	
			ART UNIT	PAPER NUMBER
			2613	
			MAIL DATE	DELIVERY MODE
			02/05/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**Supplemental
Notice of Allowability**

Application No.

10/629,834

Examiner

Dzung D. Tran

Applicant(s)

STRAWCZYNSKI ET AL.

Art Unit

2613

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/04/2007.
2. ☒ The allowed claim(s) is/are 1-44.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


DZUNG TRAN
PRIMARY PATENT EXAMINER

Application/Control Number:
10/629,834
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An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

In the Specification

On page 23, lines 18-19, "Application No. x,xxx,xxx, filed June x, 2003" has been changed to – Application No. 10/457,555, filed June 10, 2003 --.


JASON CHAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

demultiplexer 8 and providing a respective channel receiver 56 for detecting each channel signal 10 using a coherent optical receiver 58, as shown in FIG. 6. A plurality of channel signals 10 can be detected simultaneously by providing multiple parallel channel receivers 56. A respective local oscillator (LO) 60 of each channel receiver 56 is tuned such that the coherent optical receiver 58 will detect the appropriate channel signal 10 within the inbound WDM signal 6. Coherent optical receivers 58 are known, for example, from "Polarization Independent Coherent Optical Receiver", by B. Glance, Journal of Lightwave Technology, Vol. LT-5, No. 2, February 1987; "Performance of Coherent Optical Receivers", by John R. Barry and Edward A Lee, Proceedings of the IEEE, Vol. 79., No. 8, August 1990; "Fiber-Optic Communications Systems", 2nd ed. Govind P. Agrawal, John Wiley & Sons, New York, 1997, ISBN 0-471-17540-4, Chapter 6; and applicant's co-pending United States Patent Application No. ~~x,xxx,xxx,~~ filed ~~June x,~~ 2003.

June 10 2003.

10/457555

[0054] In the embodiment of FIG. 6a, the coherent optical receiver 58 generates the electrical channel signal 12 in the form of respective in-phase and quadrature signal components for each polarization mode of the optical channel signal 10. With this arrangement, a respective A/D converter 16 samples each signal component generated by the coherent optical receiver 58 at a timing of a sample clock having a predetermined frequency F_s . The respective series of sequential N-bit samples 22 generated by each A/D converter 16 is indicative of an instantaneous value of the respective component of the electrical channel signal 12. Typically, the value of N will be between 2 and 8, but may be as low as 1, or higher than 8, if desired.

PLEASE ENTER
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